

**ABSTRACT**

**TELECOMMUNICATIONS NETWORK**

5        There is described a cellular communications  
network using macrodiversity, for example a CDMA  
network, and a method of operation thereof, which allow  
a network operator to influence movements of a mobile  
station within the radio environment.

10        Cells are considered in groups. When a handover  
is contemplated, the system takes into account the  
groups which include the cells to which radio links are  
already established and the group which includes the  
cell to which the establishment of a new radio link is  
contemplated.

15        A candidate cell, which is in a different group  
from all existing cells to which radio links are  
already established, must meet a higher quality  
threshold than if it is in a group to which a radio  
link is already established, before a link to it is  
established.

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